

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of  
David G. Steer et al.

Serial No.: 09/998,193

Filed: December 3, 2001

For: COMMUNICATION USING  
SIMULTANEOUS ORTHOGONAL  
SIGNALS



Group Art Unit: 2681

Examiner:

Attorney Docket: 91436-344



22463

PATENT TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, D.C. 20231  
U.S.A.

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Dear Sir/Madam:

In accordance with the provisions of 37 CFR 1.56, Applicant hereby makes of record the references set out on the attached form PTO-1449.

A copy of each reference is enclosed.


No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103, and Applicant reserves the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish otherwise. Moreover, Applicant does not represent that a reference has been thoroughly reviewed or that any portion of any reference is relevant.

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Page 2

It is respectfully requested that the information be expressly considered by the Examiner and that the references be made of record and appear among the "References Cited" on any patent to issue therefrom.

Respectfully submitted,



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February 25, 2002  
File No. 91439-344 RDF/CCC/kek  
Enclosures

FORM PTO-1449

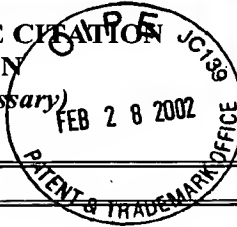
**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**  
*(Use several sheets if necessary)*

Docket Number (Optional)  
91436-344

Application Number  
09/998,193

Applicant  
David G. Steer et al.

Filing Date  
December 3, 2001

Group Art Unit  
2681
**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,282,222	01/25/94	Fattouche et al.	375	1	

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**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		Paulraj, Arogyaswami, J. et al., "Space-Time Processing for Wireless Communications", IEEE Signal Processing Magazine, November 1997, pp 49 – 83.
		Thompson, John, S., et al., "Smart Antenna Arrays for CDMA Systems", IEEE Personal Communications, October 1996, pp 16 – 25.
EXAMINER:	DATE CONSIDERED:	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.